

For Research Use Only

SNX29 Recombinant monoclonal antibody

Catalog Number: 86446-1-RR

Featured Product



Basic Information

Catalog Number:

86446-1-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32618

GenBank Accession Number:

XM_011522738

GeneID (NCBI):

92017

UNIPROT ID:

Q8TEQ0

Full Name:

sorting nexin 29

Calculated MW:

91kd

Observed MW:

90 kDa

Purification Method:

Protein A purification

CloneNo.:

251222A2

Recommended Dilutions:

WB: 1:1000-1:6000

IF/ICC: 1:500-1:2000

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : HepG2 cells,

IF/ICC : HeLa cells,

Background Information

Sorting nexins are a diverse group of cytoplasmic and membrane-associated proteins classified by the presence of a phospholipid-binding motif PX domain (PMID:12461558). They are involved in endocytosis and protein trafficking. SNX29 (Sorting nexin 29) is associated with bipolar disorder (BPD) and major depressive disorder (MDD) in the Han population (PMID: 33143498). The expression of SNX29 is significantly upregulated in most tumor tissues, and its expression is associated with the progression, immune infiltration and drug sensitivity of various cancers (PMID: 36829159).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

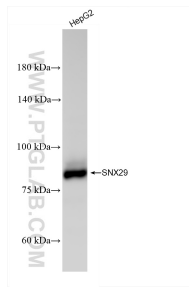
T: 4006900926

E: Proteintech-CN@ptglab.com

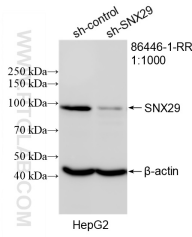
W: ptgcn.com

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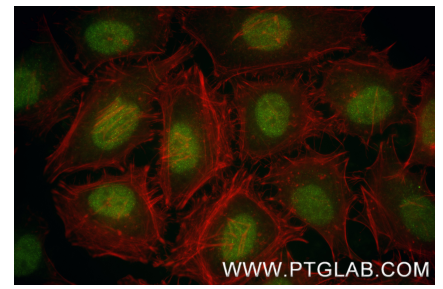
Selected Validation Data



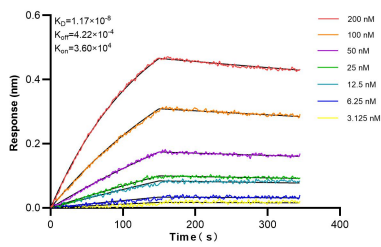
HepG2 cells were subjected to SDS PAGE followed by western blot with 86446-1-RR (SNX29 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



WB result of SNX29 antibody (86446-1-RR; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SNX29 transfected HepG2 cells.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using SNX29 antibody (86446-1-RR, Clone: 251222A2) at dilution of 1:1000 and Coralite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Biolayer interferometry (BLI) kinetic assays of 86446-1-RR against Human SNX29 were performed. The affinity constant is 11.7 nM.